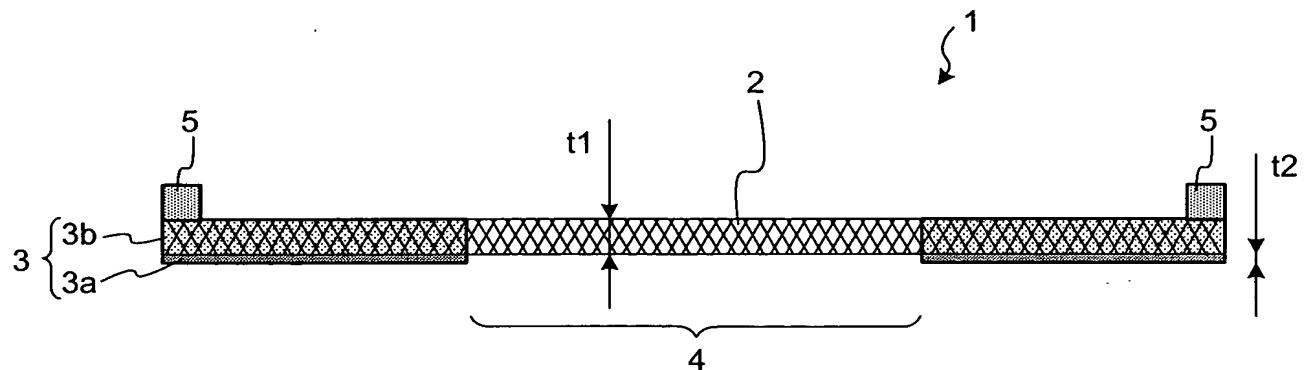


FIG.1

(SQUEEGEE CONTACT SURFACE SIDE)



(PRINTING OBJECT SIDE)

2/12

FIG.2-1

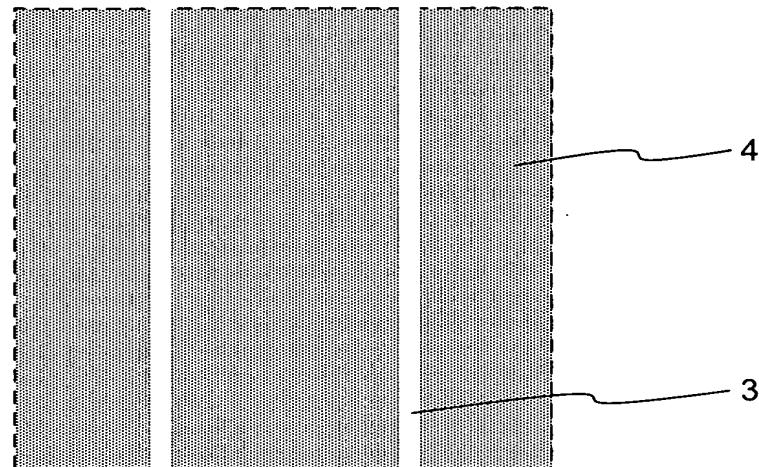


FIG.2-2

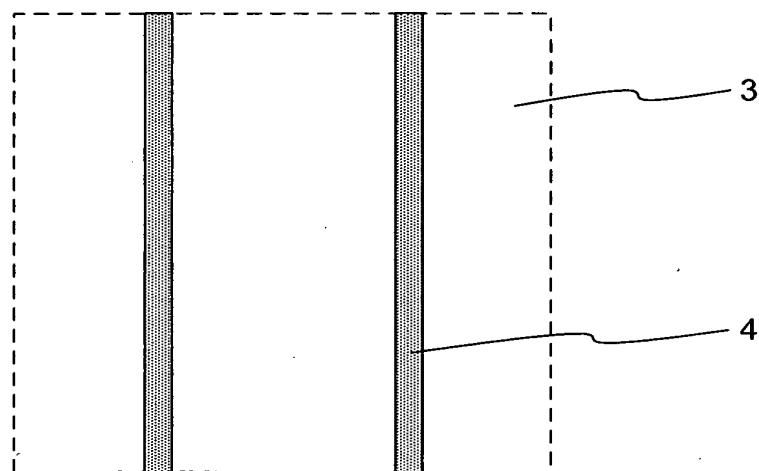
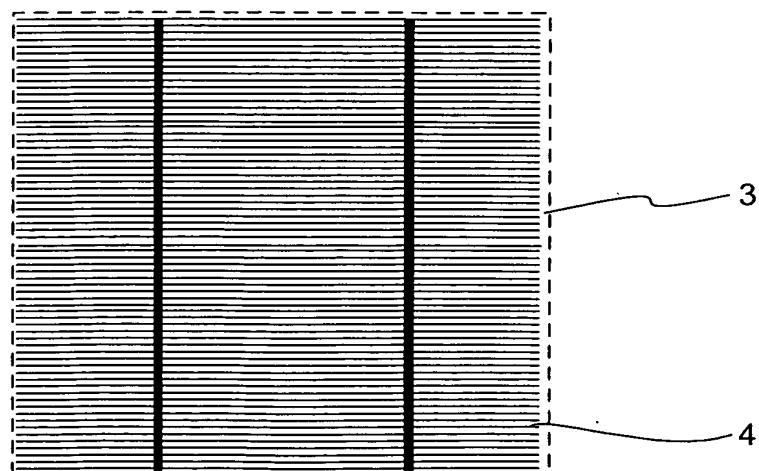


FIG.2-3



BEST AVAILABLE COPY

3/12

FIG.3-1

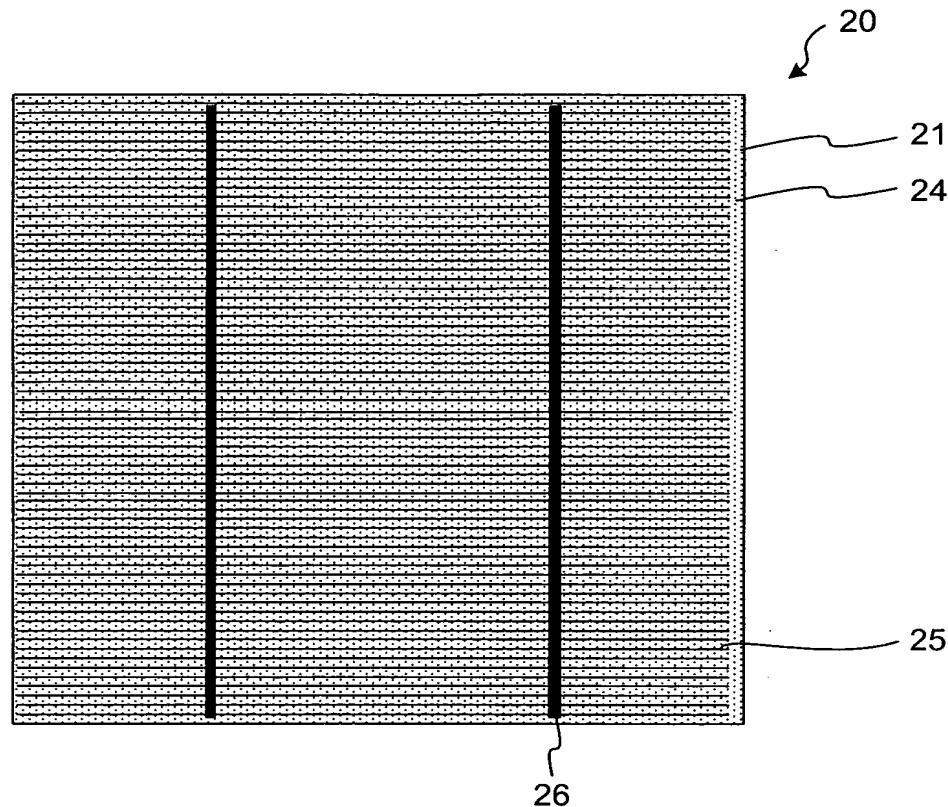


FIG.3-2

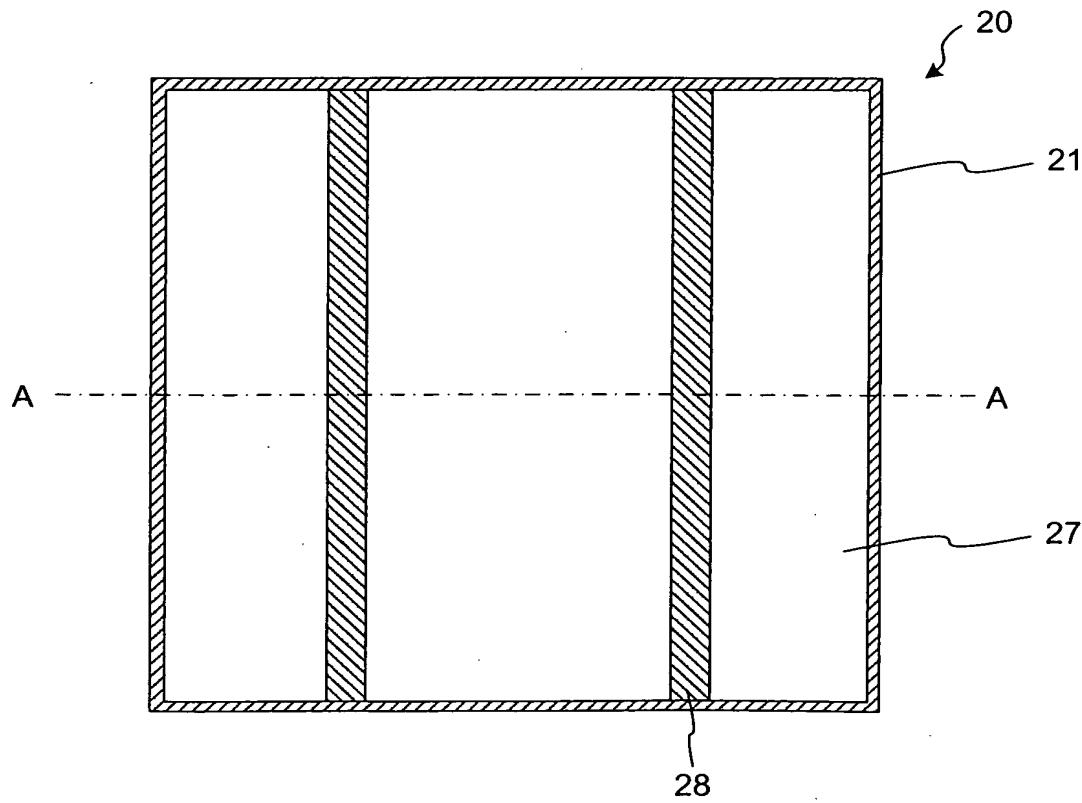


FIG.4

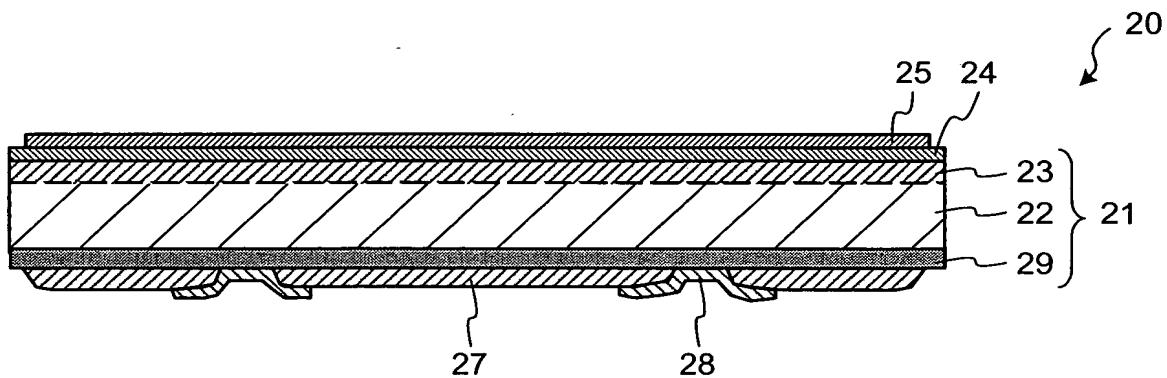


FIG.5-1

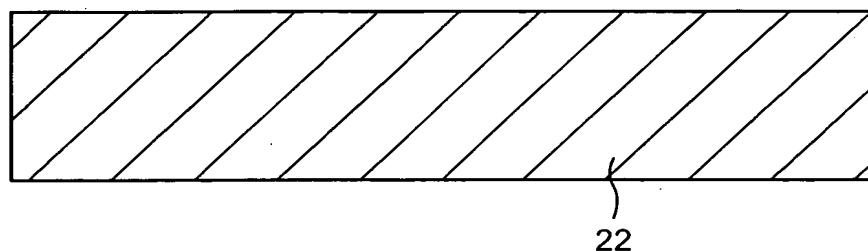


FIG.5-2

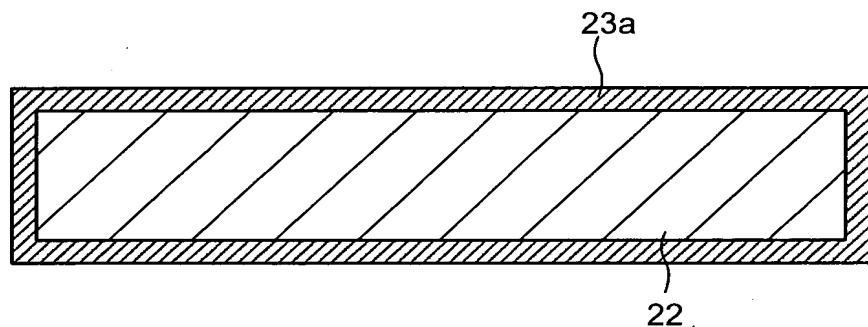


FIG.5-3

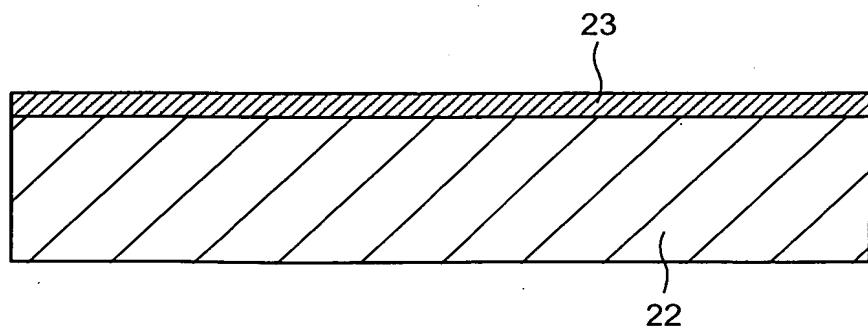


FIG.5-4

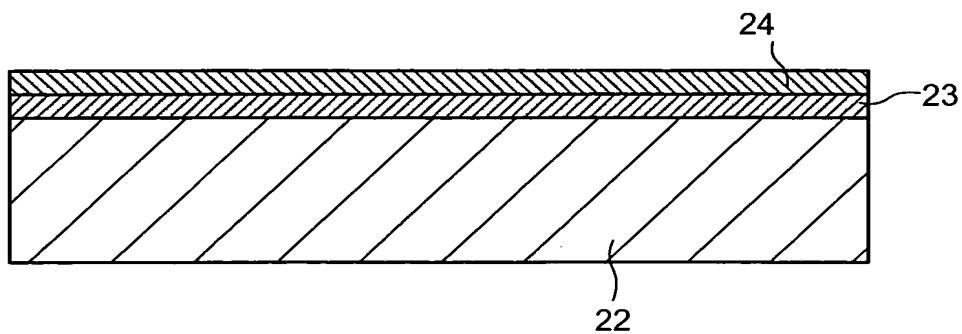


FIG.5-5

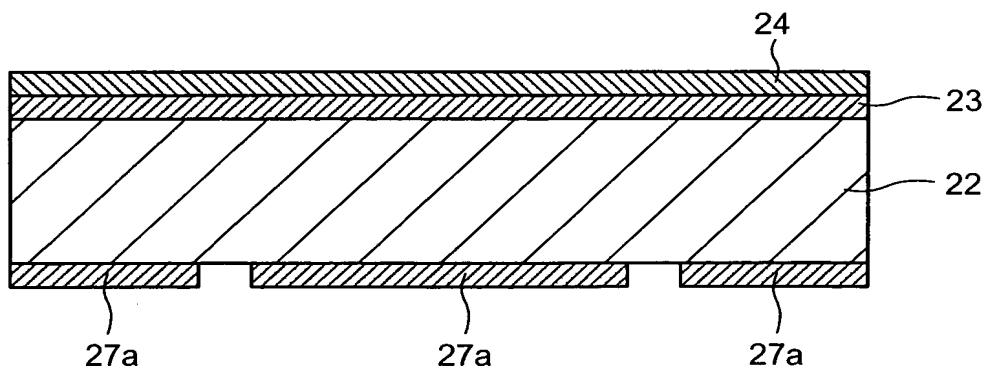


FIG.5-6

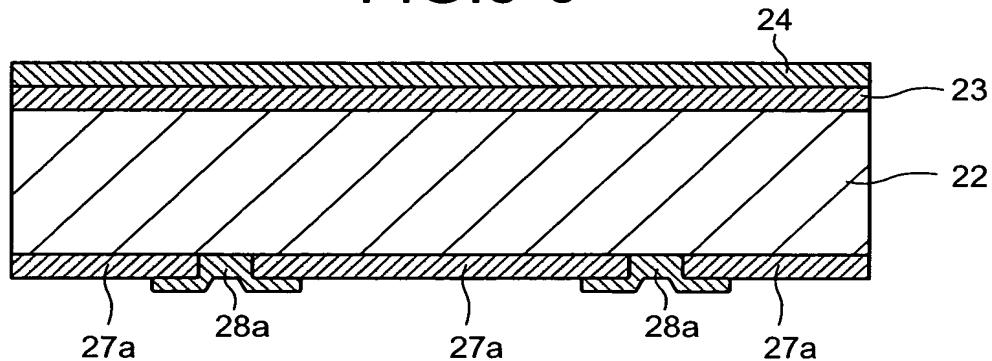


FIG.5-7

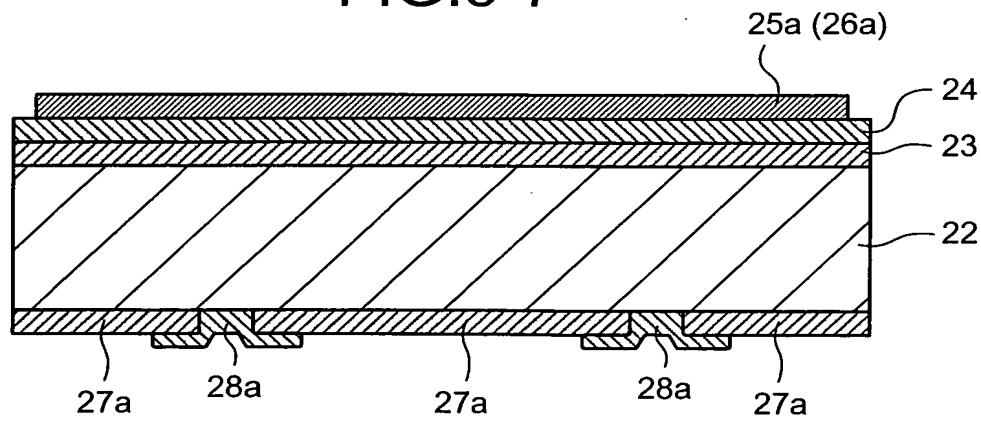


FIG.6

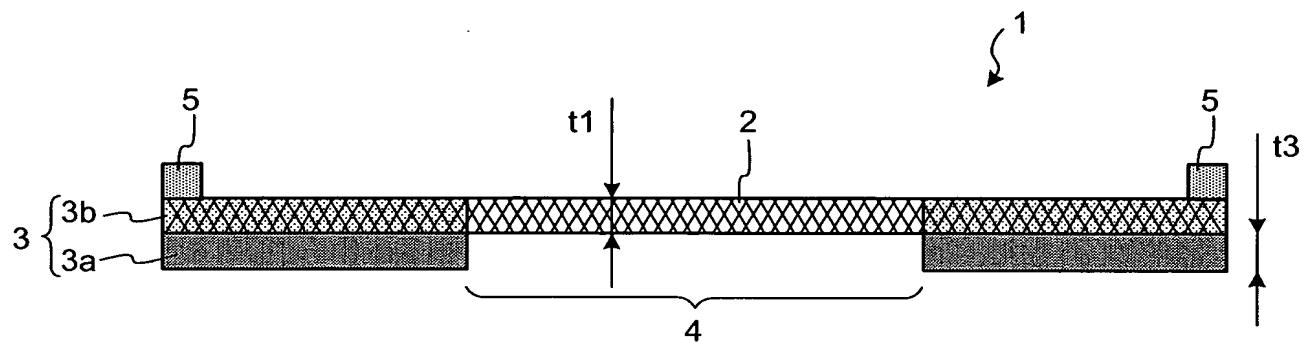


FIG.7

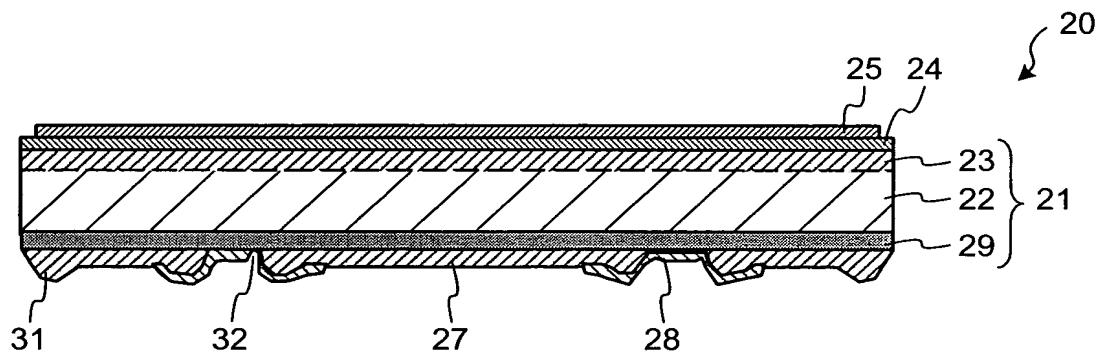


FIG.8

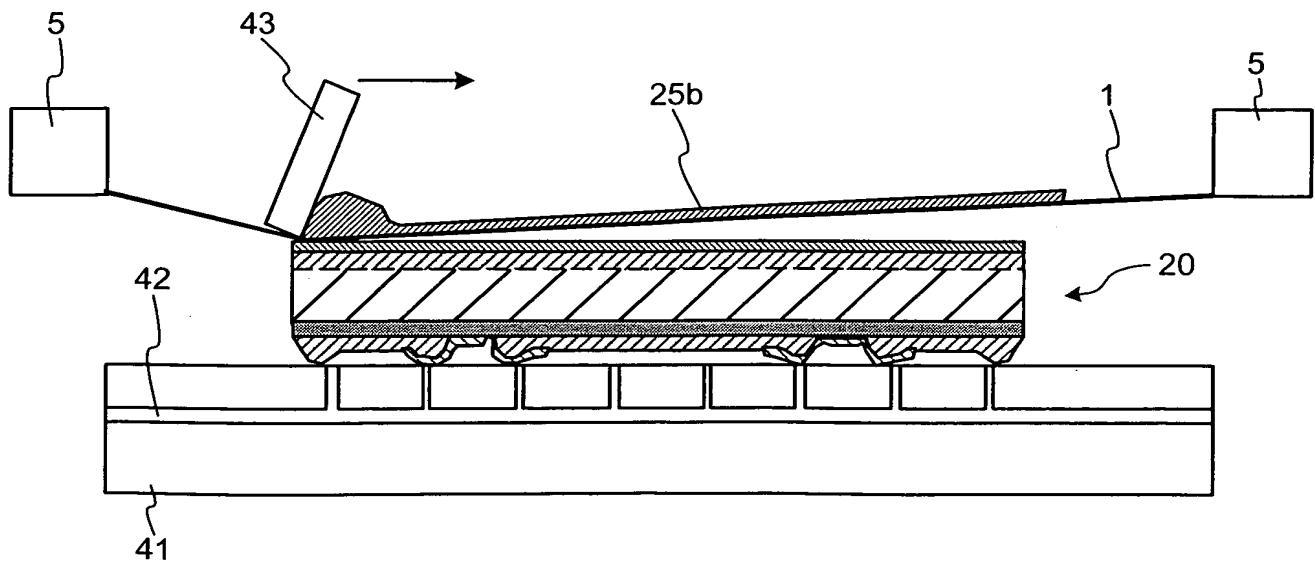


FIG.9

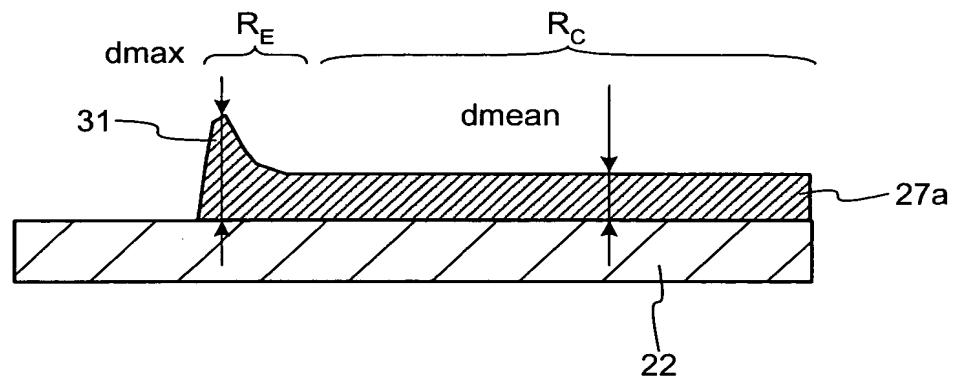


FIG.10

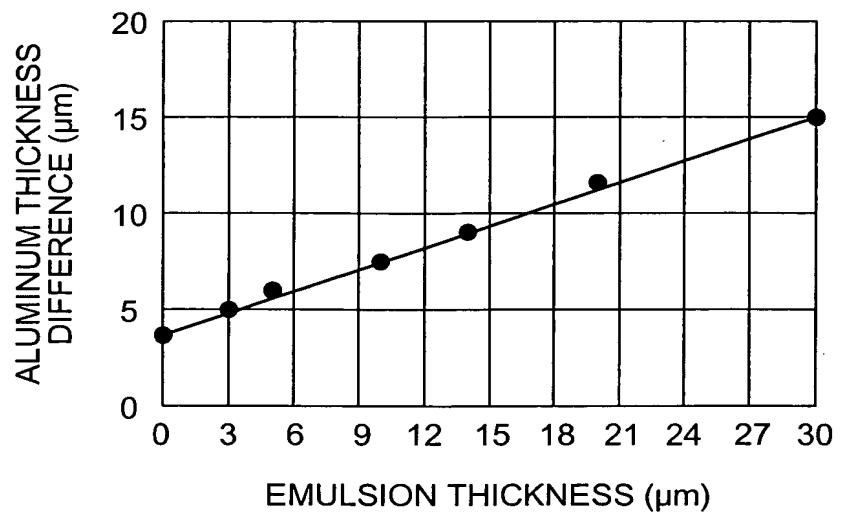
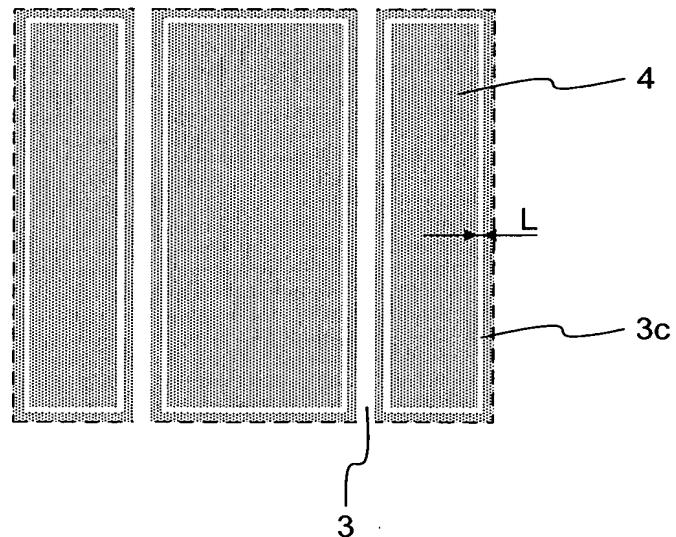


FIG.11

	BEFORE IMPROVEMENT	AFTER IMPROVEMENT
EMULSION THICKNESS (μm)	14	3
NUMBER OF MESHES	400	400
LINE DIAMETER (μm)	23	23
AVERAGE ALUMINUM FILM THICKNESS d_{mean} (μm)	29	27
AVERAGE FILM THICKNESS OF ALUMINUM EDGE PART d_{max} (μm)	37	32
ALUMINUM THICKNESS DIFFERENCE: $d_{\text{max}} - d_{\text{mean}}$ (μm)	8	5
SUBSTRATE THICKNESS	BREAKAGE RATE (%)	BREAKAGE RATE (%)
200 μm	10	1
240 μm	5	0
280 μm	1	0
330 μm	0	0

FIG.12



11/12

FIG.13-1

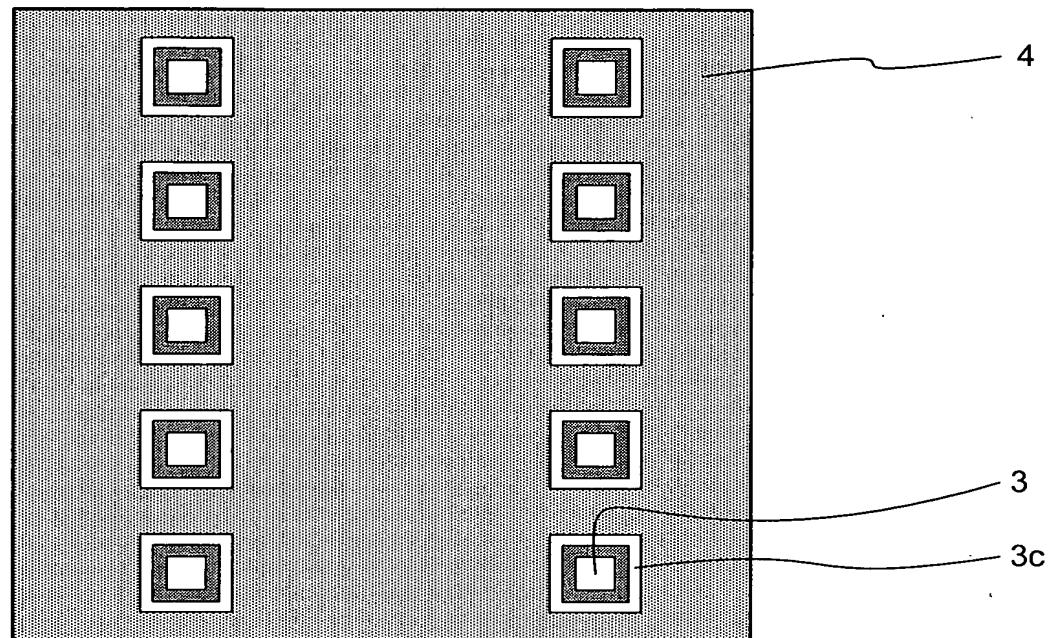


FIG.13-2

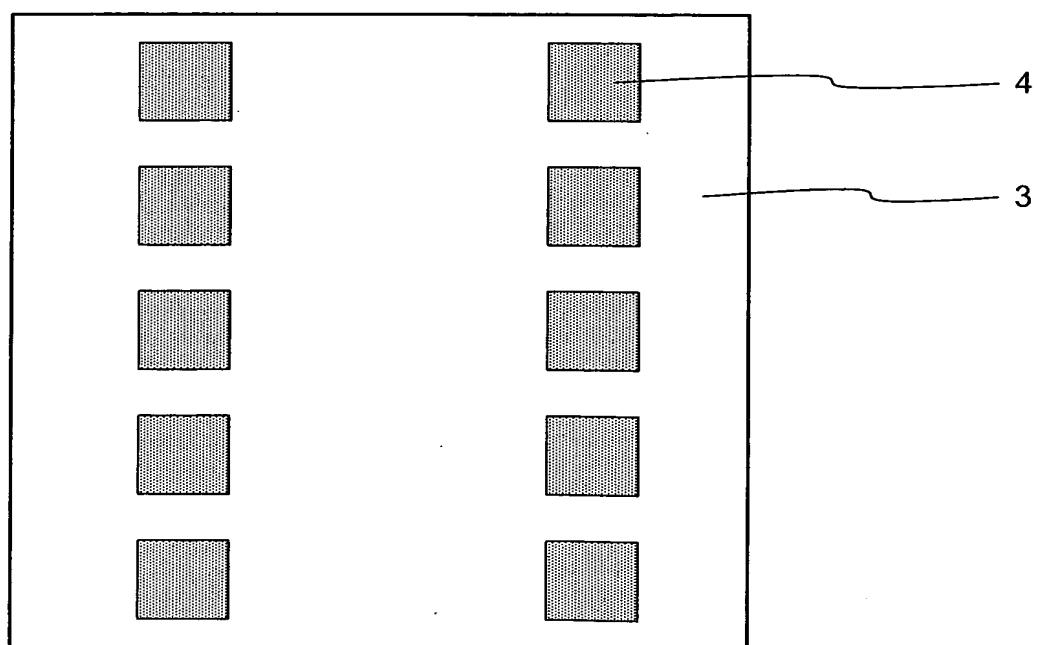
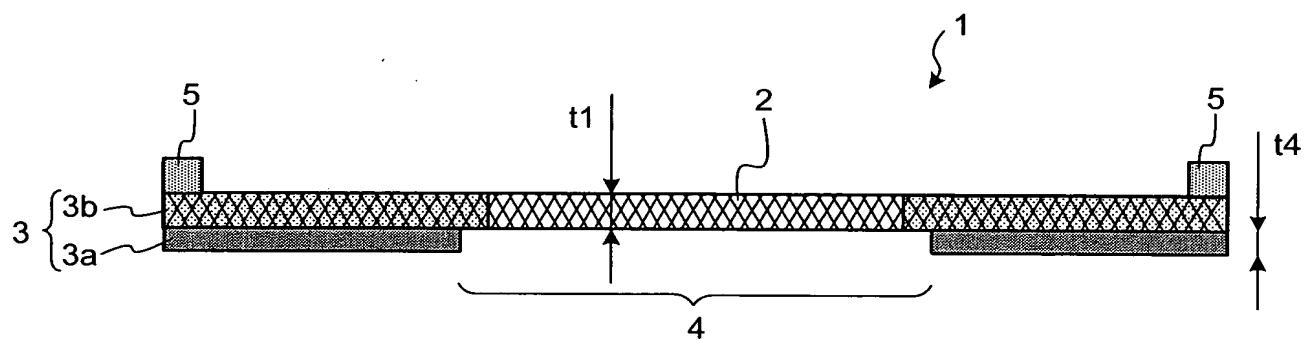


FIG.14

(SQUEEGEE CONTACT SURFACE SIDE)



(PRINTING OBJECT SIDE)

FIG.15

